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SEQUENCE LISTING

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45 ctggtttaat tgatggaagc tttgaaattg gaaatttgct tgtgattgta tttgtaagtt 300

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 40 aaaaaa 2646

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&lt;211&gt; 702

45 &lt;212&gt; PRT

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&lt;213&gt; Homo sapiens

&lt;400&gt; 17

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Glu Lys Lys Lys Thr Arg Arg Cys Asn Gly Phe Lys Met Phe Leu Ala  
                    20                     25                     30

10 Ala Leu Ser Phe Ser Tyr Ile Ala Lys Ala Leu Gly Gly Ile Ile Met  
                    35                     40                     45

Lys Ile Ser Ile Thr Gln Ile Glu Arg Arg Phe Asp Ile Ser Ser Ser  
                    50                     55                     60

15 Leu Ala Gly Leu Ile Asp Gly Ser Phe Glu Ile Gly Asn Leu Leu Val  
                    65                     70                     75                     80

Ile Val Phe Val Ser Tyr Phe Gly Ser Lys Leu His Arg Pro Lys Leu  
 20                     85                     90                     95

Ile Gly Ile Gly Cys Leu Leu Met Gly Thr Gly Ser Ile Leu Thr Ser  
                    100                     105                     110

25 Leu Pro His Phe Phe Met Gly Tyr Tyr Arg Tyr Ser Lys Glu Thr His  
                    115                     120                     125

Ile Asn Pro Ser Glu Asn Ser Thr Ser Ser Leu Ser Thr Cys Leu Ile  
                    130                     135                     140

30 Asn Gln Thr Leu Ser Phe Asn Gly Thr Ser Pro Glu Ile Val Glu Lys  
                    145                     150                     155                     160

Asp Cys Val Lys Glu Ser Gly Ser His Met Trp Ile Tyr Val Phe Met  
 35                     165                     170                     175

Gly Asn Met Leu Arg Gly Ile Gly Glu Thr Pro Ile Val Pro Leu Gly  
                    180                     185                     190

40 Ile Ser Tyr Ile Asp Asp Phe Ala Lys Glu Gly His Ser Ser Leu Tyr  
                    195                     200                     205

Leu Gly Ser Leu Asn Ala Ile Gly Met Ile Gly Pro Val Ile Gly Phe  
                    210                     215                     220

45

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Ala Leu Gly Ser Leu Phe Ala Lys Met Tyr Val Asp Ile Gly Tyr Val  
 225 230 235 240

Asp Leu Ser Thr Ile Arg Ile Thr Pro Lys Asp Ser Arg Trp Val Gly  
 5 245 250 255

Ala Trp Trp Leu Gly Phe Leu Val Ser Gly Leu Phe Ser Ile Ile Ser  
 260 265 270

10 Ser Ile Pro Phe Phe Phe Leu Pro Lys Asn Pro Asn Lys Pro Gln Lys  
 275 280 285

Glu Arg Lys Ile Ser Leu Ser Leu His Val Leu Lys Thr Asn Asp Asp  
 290 295 300

15 Arg Asn Gln Thr Ala Asn Leu Thr Asn Gln Gly Lys Asn Val Thr Lys  
 305 310 315 320

Asn Val Thr Gly Phe Phe Gln Ser Leu Lys Ser Ile Leu Thr Asn Pro  
 20 325 330 335

Leu Tyr Val Ile Phe Leu Leu Leu Thr Leu Leu Gln Val Ser Ser Phe  
 340 345 350

25 Ile Gly Ser Phe Thr Tyr Val Phe Lys Tyr Met Glu Gln Gln Tyr Gly  
 355 360 365

Gln Ser Ala Ser His Ala Asn Phe Leu Leu Gly Ile Ile Thr Ile Pro  
 370 375 380

30 Thr Val Ala Thr Gly Met Phe Leu Gly Gly Phe Ile Ile Lys Lys Phe  
 385 390 395 400

Lys Leu Ser Leu Val Gly Ile Ala Lys Phe Ser Phe Leu Thr Ser Met  
 35 405 410 415

Ile Ser Phe Leu Phe Gln Leu Leu Tyr Phe Pro Leu Ile Cys Glu Ser  
 420 425 430

40 Lys Ser Val Ala Gly Leu Thr Leu Thr Tyr Asp Gly Asn Asn Ser Val  
 435 440 445

Ala Ser His Val Asp Val Pro Leu Ser Tyr Cys Asn Ser Glu Cys Asn  
 45 450 455 460



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Cys Asp Glu Ser Gln Trp Glu Pro Val Cys Gly Asn Asn Gly Ile Thr  
 465 470 475 480

Tyr Leu Ser Pro Cys Leu Ala Gly Cys Lys Ser Ser Ser Gly Ile Lys  
 5 485 490 495

Lys His Thr Val Phe Tyr Asn Cys Ser Cys Val Glu Val Thr Gly Leu  
 500 505 510

10 Gln Asn Arg Asn Tyr Ser Ala His Leu Gly Glu Cys Pro Arg Asp Asn  
 515 520 525

Thr Cys Thr Arg Lys Phe Phe Ile Tyr Val Ala Ile Gln Val Ile Asn  
 530 535 540

15 Ser Leu Phe Ser Ala Thr Gly Gly Thr Thr Phe Ile Leu Leu Thr Val  
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Lys Ile Val Gln Pro Glu Leu Lys Ala Leu Ala Met Gly Phe Gln Ser  
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Met Val Ile Arg Thr Leu Gly Gly Ile Leu Ala Pro Ile Tyr Phe Gly  
 580 585 590

25 Ala Leu Ile Asp Lys Thr Cys Met Lys Trp Ser Thr Asn Ser Cys Gly  
 595 600 605

Ala Gln Gly Ala Cys Arg Ile Tyr Asn Ser Val Phe Phe Gly Arg Val  
 610 615 620

30 Tyr Leu Gly Leu Ser Ile Ala Leu Arg Phe Pro Ala Leu Val Leu Tyr  
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Lys Ala Ser Asp Asn Glu Arg Lys Val Met Asp Glu Ala Asn Leu Glu  
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40 Phe Leu Asn Asn Gly Glu His Phe Val Pro Ser Ala Gly Thr Asp Ser  
 675 680 685

Lys Thr Cys Asn Leu Asp Met Gln Asp Asn Ala Ala Ala Asn  
 690 695 700